

ABSTRACT OF THE DISCLOSURE

A data transmitting and receiving system for transmitting and receiving data between a data transmitting device such as a computer and a data receiving device such as a peripheral device and is provided which is capable of shortening time required to complete transmission and receipt of all data to be transmitted in data transmission including re-transmission of missed data.

The data transmitting device is provided with a first transmitting section to periodically and sequentially send a plurality of split data obtained by splitting data to be transmitted to the peripheral device and with a second transmitting section to send split data, when the data receiving device was unable to receive split data fed from the first transmitting section, to the data receiving device during a period of time between time bands in which the first transmitting section transmits the split data.